

IN THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. - 19. (Cancelled)

20. (New) Grinding tool comprising

a grinding wheel body comprised of first and second parts detachably connected to each other, said first part being securely attachable to a grinding spindle, coaxially therewith, the grinding wheel body having a circumferential grinding surface comprising circumferences of said first part and said second part coated with an abrasive material, a space being formed on the circumferential grinding surface between said first part and said second part,

at least three adjusting/positioning devices arranged on said second part at substantially equal angular displacements from each other about an axis of the grinding tool for adjusting position of said second part relative to said first part and fixing said second part in the adjusted position, said devices being substantially radially spaced from said axis,

an outer centering collar disposed between said first part and said second part and being radially spaced from said axis a greater distance than said devices,

wherein said second part is adjustable relative to said first part in directions of said axis while maintaining the circumferential grinding surface comprising the coated circumferences of said first part and said second part equidistant from said axis thereby to adjust width of the circumferential grinding surface.

21. (New) Grinding tool in accordance with claim 20, further comprising

an inner centering collar spaced radially inward from said devices.

22. (New) Grinding tool in accordance with claim 20 or 21, wherein the abrasive material comprises at least one of CBN or diamond.

23. (New) Grinding tool in accordance with claim 20 or 21, further comprising

threaded tensioning pins and, received on threads of each of the tensioning pins, a respective tensioning bolt for tightening the respective tensioning pin,

and wherein the tensioning pins help fix said second part to said first part in a non-positive fit and without play.

24. (New) Grinding tool in accordance with claim 20 or 21, further comprising

means for centering the grinding tool on a nose of the grinding spindle.

25. (New) Grinding tool in accordance with claim 20 or 21, further comprising measurement sensors and means for continuously actuating the adjusting/positioning devices in response to sensed measurements.

26. (New) Grinding tool in accordance with claim 20 or 21, further comprising

means for manually actuating the adjusting/positioning devices.

27. (New) Grinding tool in accordance with claim 20 or 21, further comprising

means for automatically actuating the adjusting/positioning devices.

28. (New) Grinding tool in accordance with claim 20 or 21, further comprising

a scale integral with the grinding tool for measuring the width of the circumferential grinding surface.

29. (New) Grinding tool in accordance with claim 20 or 21, further comprising

spaces formed between said first part and said second part for conducting coolant from an external source to said space formed on the circumferential grinding surface thereby the conduct coolant to sites of the grinding.